Name: ______________________________

Alex drew a very large square with a blue piece of chalk at the playground. One side is 8 feel long. Alex wants to walk along the square and can only walk on the line. If he wants to walk the square 2 times by only stepping on the line, how many feet will he end up walking?

Erin is at the toy store, and she brought her money to spend. She has 6 ten dollar bills and 13 five dollar bills. She wants to buy a toy that costs $17.19 and a fidget spinner that is in the final sale section for only 76 cents. There is no tax at this store. She wants to prepare the bills to give the cashier before she goes there. Which bills should she take out of her wallet?

Name: ______________________________

73	$-9\frac{3}{4}$		$+\frac{2}{4}$				+2		+48
				-1		$-3\frac{2}{4}$			
									+28
				+49		+22		+7	
				+18		$-\frac{5}{12}$		$+\frac{2}{4}$	
	-26		$-\frac{6}{12}$						
$+\frac{1}{4}$						$+\frac{2}{4}$		$+8\frac{1}{12}$	
$+6\frac{3}{12}$		+44		$+\frac{2}{12}$	$153\frac{11}{12}$	-12		-13	$241\frac{1}{12}$

Write a word to describe July.

____

Write the unshaded part as a decimal.

(10-part bar: 8 parts shaded, 2 parts unshaded)

____

$$\begin{array}{r} 95 \\ -\ 68 \\ \hline \end{array}$$

word root **ex** can mean **away or out** **exclude, exposition, extract**

Name: ______________________________________

Anna and Holly are bookworms. That means they have a lot of books! Together they have 33 books. Holly has more books than Anna. In fact, Holly has exactly twice the number of books that Anna has. How many books does Holly have?

double 43 =

Is 12 a composite or a prime number?

Is extract a composite or a prime number?

78, 91, ______, 117, 130, 143, 156, 169, 182

How many hundreds are in the number 34,000?

How many tens are in the number 46,000?

Name: ________________________________

Pam is playing Half Court Quick Hoops at the local arcade. She may be playing way too much! She got her average up to 11 baskets in just 9 seconds. If she can keep up at that rate, how many baskets will she get in during the first round, which is 63 seconds?

Reduce $\frac{20}{35}$ to its lowest terms.

Reduce $\frac{20}{45}$ to its lowest terms.

Reduce $\frac{12}{24}$ to its lowest terms.

___ ÷ 7 = 2

11 + 11 - 12

April has 55 books. She organized them equally into 5 boxes. How many books in each box?

Add the correct end punctuation for this sentence.

Will you call the electric company tomorrow to ask why our power keeps going out

Name: ______________________________

Hannah went to sleep at 9:34 p.m. last night. Today she will go to the zoo with her father. They will see the elephants. She woke up at 7:24 a.m. this morning. How much time did she sleep?

Gavin believes that an apple a day keeps the doctor away. He did a survey that showed 16 students ate both apples and pears, 23 liked both oranges and apples, 7 liked only oranges, and 10 liked all three fruits. How many students did Gavin survey?

Robert made a display for the school library. It was about recycling. He used three sheets of poster board for the display. He bought the poster board at Fred's Art Supplies. It cost $1.10 for the three sheets. He gave the clerk $5. How much change did he get?

Calculate the product of 12 and 7.

____

Round the number to the place value of the BIG number.

931,822

____

If there are three orange marbles and two yellow marbles in a box, what is the probability that you will pick out a orange one with your eyes shut?

____

Which is smaller, $\frac{2}{3}$ or $\frac{1}{3}$?

____

$$\begin{array}{r} 96 \\ -\ 71 \\ \hline \end{array}$$

What is the value of the BIG digit?

97,**4**12,542

____

Write the number with 5 thousands and 2 hundreds.

____

$$7\overline{)21}$$

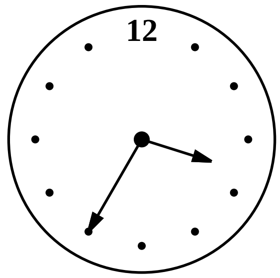
Name: ______________________________

The factors of 18 are ____ ____ ____ 6 ____ 18

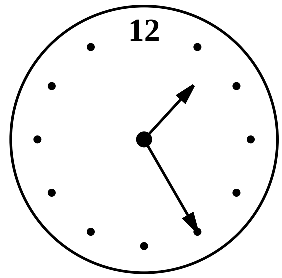
80 - 53 = ________

There are eight cars parked in a row exactly the same distance from each other. The first car is 29 inches from the second car. The first car is 58 inches from the third car. How far is the third car from the sixth car?

____



current time (pm)



time party starts (pm)

How long until the party? ____________

How many hours are in eight days?

____

Write 629 in expanded notation.

____

- ○ witin
- ○ withinn
- ○ wothin
- ○ within

If g = 11, then what does g - 3 equal?

____

Share 18 equally among 2.

____

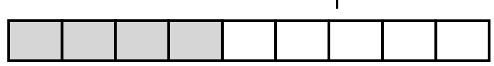
Anna counted the balloons at the Sandcastle Day contest. There were 12 red, 2 purple, 6 blue, 4 orange, and 3 yellow. What is the range?

$$\begin{array}{r} 79 \\ +\ 55 \\ \hline \end{array}$$

Which number is seven hundred eighty-four?

784 847 7,084
7,804

Write a fraction to represent what is shaded.



____

Do you use A.M. or P.M. to write 9:00 in the morning?

____

Write whether this fragment is missing a subject or a verb.

laughed and ate.

____

$$\begin{array}{r} 4 \\ \times\ \ 2 \\ \hline \end{array}$$

word root **miss** can mean **send or let go** **admission, emissary, intermission**

Name: ______________________________

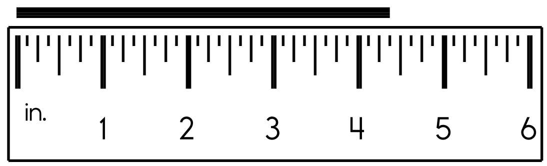
The vowels are missing in the word search.
Fill in the missing vowels and circle the words.

C	V	P	C	S	H		G	B	
M	D	T	S	N		T	C	H	P
	R	L	G		V		L	C	P
V	K					W		M	R
	P	G		P		H	S	C	
F	U	H	H				S	R	
	B	T		R		S			C
V	L	H	G	T	D		N	S	H
	I	N			C	G	G	H	
	C	H		X	T		N	C	T

FIVE • PUBLIC • MOVE • EXTINCT
HUGE • LESSON • APART • CRASH
WHOSE • APPROACH • NOTCH
LIGHT • GAVE

Write the length in inches.

____



What is the meaning of the underlined word?

I am not sure if I will be allowed to spend the night at your house, but I will do my best to <u>persuade</u> my parents to let me.

____

If ☐ = 11, then ☐ - 10 = ______

It is 49 degrees Fahrenheit outside. What would you wear if you are going outside?

____

Fill in the boxes so each line equals 8.

8
☐ - 11
☐ x 4
96 ÷ ☐
(☐ + 3) + ☐

Justin's birthday is in November. Jenna's birthday is five months after Justin's birthday. What month is Jenna's birthday?

____

If D = 3, then what does D plus D equal?

____

Name: ____________________________________

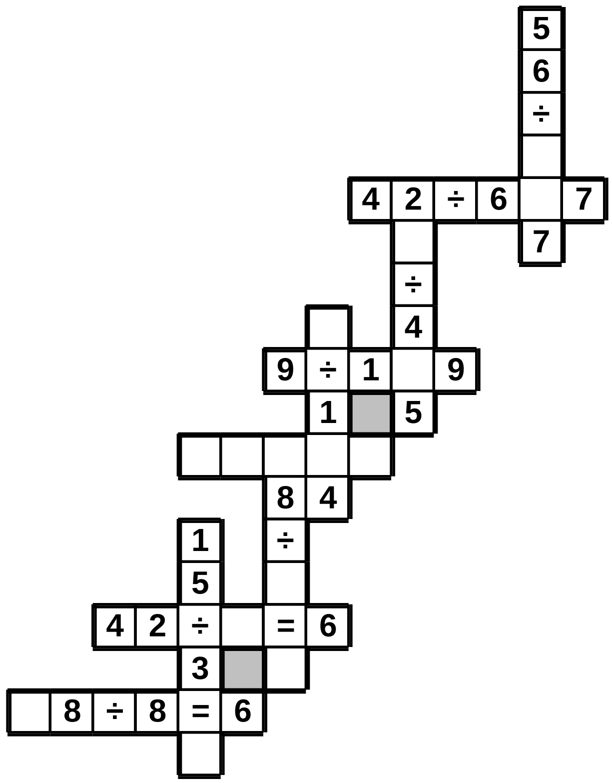
175 - 94	66 + 30	186 - 88	163 - 98	43 + 31	76 + 59
97 + 65	40 + 36	122 - 33	86 + 88	61 - 22	128 - 54
32 + 38	175 - 77	59 + 90	151 - 74	37 + 63	165 - 74
93 + 83	157 - 68	105 - 84	83 - 20	25 + 26	71 + 72
90 - 28	50 + 49	54 - 16	33 + 38	27 + 40	155 - 66
31 + 82	58 + 85	122 - 35	99 - 40	38 + 73	135 - 75
64 - 31	42 + 82	116 - 95	112 - 44	82 + 45	90 + 98

8
+ 8
[ ]
+ 7
[ ]
- 5
[ ]
+ 8
26
+ [ ]
31
+ [ ]
40
- [ ]
32
+ 8
[ ]
- 7
33
- [ ]
27
+ [ ]
35

Name: ______________________________

8 • = • 0 • 4 • = • 8 • ÷ • 1 • = • 8 • 9 • 7 • 2 • 4 • 5

Use the pieces above to help you fill in the runaway math puzzle.



Fill in the boxes so each line equals 12.

12
☐ - 4
☐ x 3
☐ ÷ 2
(☐ + 4) - ☐

Write the number for five thousand, four hundred nine.

____

$$\begin{array}{r} 70 \\ +\ 42 \\ \hline \end{array}$$

How many tenths are in 4?

____

Name: ______________________________

$9 \times 6 =$ ____

$8 \times 5 =$ ____

$7 \times 2 =$ ____

$4 \times 3 =$ ____

$3 \times 2 =$ ____

$9 \times 6 =$ ____

$7 \times 8 =$ ____

$55 \times 4 =$ ____

$62 \times 9 =$ ____

$90 \times 3 =$ ____

$36 \times 5 =$ ____

$92 \times 6 =$ ____

$229 \times 5 =$ ____

$218 \times 3 =$ ____

$706 \times 4 =$ ____

$183 \times 2 =$ ____

$6475 \times 5 =$ ____

$3633 \times 9 =$ ____

$4381 \times 3 =$ ____

$57440 \times 7 =$ ____

$20220 \times 9 =$ ____

$97941 \times 4 =$ ____

Name: ______________________________________

717366 x 6

255479 x 5

5 x 4

6 x 2

8 x 3

7 x 9

2 x 7

8 x 9

3 x 5

26 x 4

35 x 3

52 x 2

31 x 7

96 x 7

680 x 8

773 x 6

947 x 4

625 x 2

7706 x 2

7062 x 5

3068 x 7

Name: ____

140 tens - 110 tens =

3 tens | 30 thousands | 30 tens

$$\begin{array}{r} 27 \\ -\ 21 \\ \hline \end{array}$$

What must be added to 83 to get 90?

What must be added to 48 to get 54?

8 | 4 | 6 | 1

$$\begin{array}{r} 711 \\ -\ 368 \\ \hline \end{array}$$

$$\begin{array}{r} 140 \\ -\ 87 \\ \hline \end{array}$$

What must be added to 2 to get 13?

16 | 11 | 15 | 13

6 hundreds - 2 hundreds = ______hundreds

4 | 70 | 5 | 0

14 hundreds - 5 hundreds = ______hundreds

130 | 10 | 4 | 9

9 hundreds - 4 hundreds = 5 ______

one | hundred | hundreds | thousand

Name: ______________________________________

What is the missing digit?

$$\begin{array}{r} 8556 \\ -\ 50\square4 \\ \hline 3542 \end{array}$$

What is the missing digit?

$$\begin{array}{r} 916 \\ -\ \square95 \\ \hline 121 \end{array}$$

$$\begin{array}{r} 10000 \\ -\ 8462 \\ \hline \end{array}$$

14 hundreds - 5 hundreds = 9 ______

one | thousand | hundreds | hundred

$$\begin{array}{r} 740 \\ -\ 399 \\ \hline \end{array}$$

What must be added to 77 to get 80?

What is the missing digit?

$$\begin{array}{r} 10684 \\ -\ 771\square \\ \hline 2968 \end{array}$$

$$\begin{array}{r} 42 \\ -\ 34 \\ \hline \end{array}$$

Name: ____________________________

Draw a line to match each problem with the same answer.

$7\frac{43}{100}$	$1\frac{69}{100}$
one and sixty-nine hundredths	seven and forty-three hundredths
$3\frac{81}{100}$	one and seventy hundredths
eight and twenty-eight hundredths	$\frac{6}{10}$
six hundredths	$8\frac{28}{100}$
$1\frac{70}{100}$	three and eighty-one hundredths
six tenths	$\frac{6}{100}$

18 ÷ ____ = 9

10, 15, 20, 25, 30, 35, 40, ______, 50, 55

12 ÷ 4 =

F, ______, G, J, H, M, I, P, J, S

9 + 6 + 9

6 - 3 + 8

Name the shape with eight sides and eight angles.

What number is halfway between 36 and 44?

C, M, D, N, E, O, F, ______, G, Q

Name: ______________________________

Write as a decimal.

$18\frac{2}{10}$

Write as a decimal.
Seven tenths

Write as a decimal.
Thirteen and two hundredths

Write as a decimal.
Twelve and eight tenths

Use >, <, or = to complete.

117.6 ___ 122

430.8 ___ 429

175 ___ 177.92

20.440 ___ 20.44

16.37 ___ 16.7

17.7 ___ 17.29

323.41 ___ 328

Use >, <, or = to complete.

7.9 ___ 8.4

0.61 ___ 0.7

5.87 ___ 5.12

8.8 ___ 9.1

2.6 ___ 2.3

7.5 ___ 7.4

10.1 ___ 9.7

Write as a decimal.
Sixteen and twenty-four hundredths

Write as a decimal.

$\frac{3}{100}$

Write as a decimal.
Fifty thousandths

Write the decimal in words.
41.4

Write the decimal in words.
0.6

Write as a decimal.

$12\frac{46}{100}$

Name: ______________________________

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A (-)

10	72	37
11	63	36
13	9	14

Find a subtraction fact.

B (-)

33	78	11
74	92	91
27	36	17

Find a subtraction fact.

C (+)

97	25	96
49	61	72
64	66	53

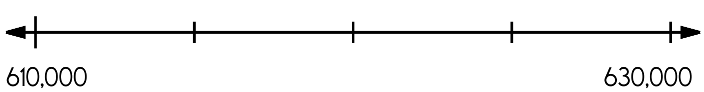
Find an addition fact.

Equations:

Write the equation facts you found.

A	72	-	9	=	63
B		-		=	
C		+		=	

Locate where to put the number 620,000 and label the point M.



What is one-tenth of 60?

____

Make a pattern.
Start with 42.
Subtract 5.

_____ , _____ , _____ , _____ , _____ , _____

What place value does the 7 have in 87,216?

____

Write the fraction for 0.12.

____

Insert a comma in the appropriate place in this sentence.

I am the apple of my grandmother's eye or so she tells me.

Name: ______________________________

0.94 + 0.61	0.21 + 0.6	0.72 - 0.22	0.81 - 0.29	0.02 - 0.01	0.9 + 0.09
17.33 + 13.01	30.8 + 23.58	12.85 + 18.6	3.81 - 3.33	1.95 - 1.16	33.24 - 24.89
12.12 - 11.81	12.22 - 7.97	8.79 + 8.85	10.25 + 10.4	12.89 - 11.11	7.9 + 2.12

4.46 - 4.21 = ____________

30.41 - 25.29 = ____________

14.9 - 14.41 = ____________

11.82 + 7.82 = ____________

11.34 + 15.96 = ____________

29.6 + 34.29 = ____________

1.55 - 1.55 = ____________

9.93 - 9.82 = ____________

26.06 + 24.55 = ____________

13.62 + 14.7 = ____________

What number is halfway between 48 and 56?

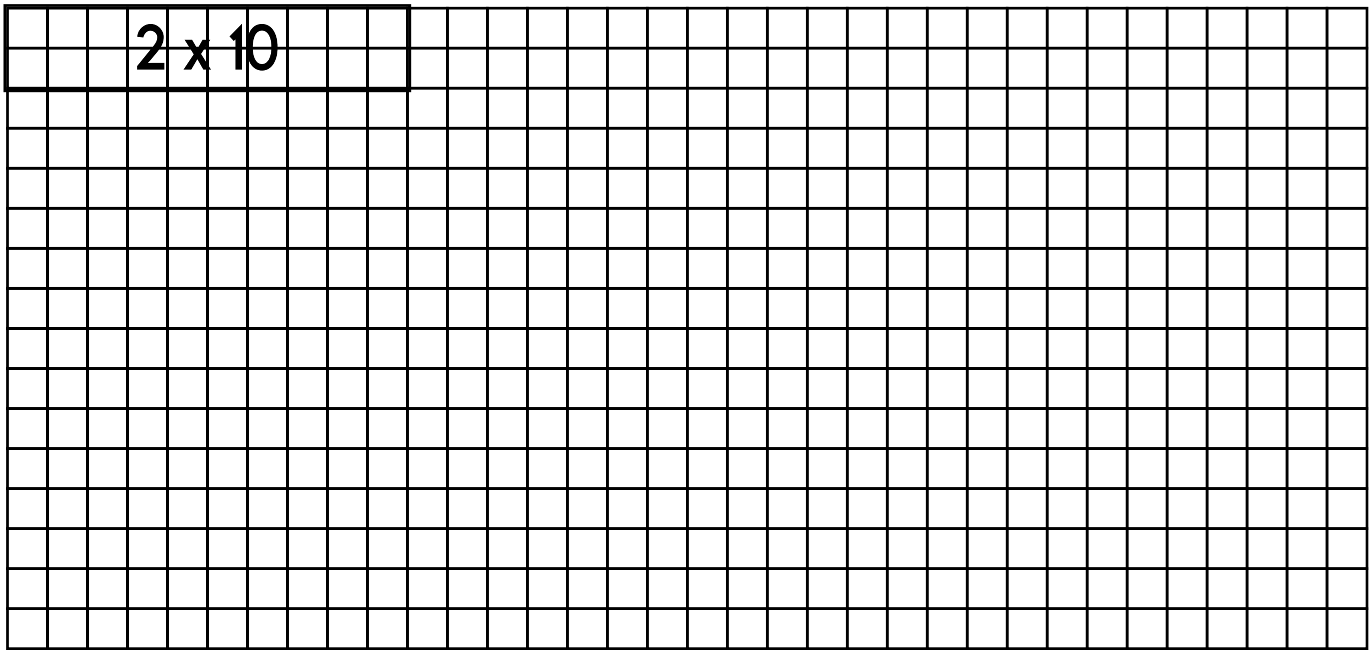
Alex earns $22 an hour. He worked 5 hours. How much did he make?

2 x 8 + 7

Name: ______________________________

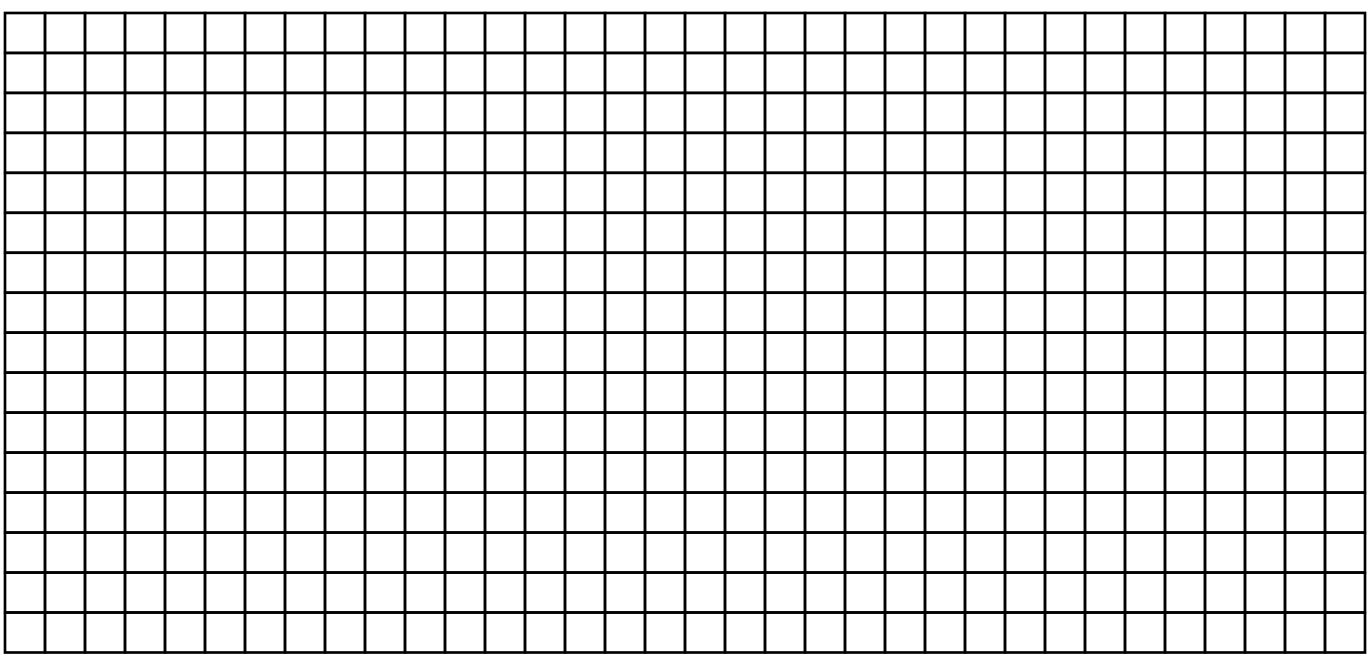
Find and draw all the rectangular arrays for the equations below that equal 20.

__2__ x __10__ = 20 ______ x ______ = 20 ______ x ______ = 20 ______ x ______ = 20



Find and draw all the rectangular arrays for the equations below that equal 8.

______ x ______ = 8 ______ x ______ = 8



Name: ____

Total	Part	Part
12	6	6
	8	8
	5	4
	6	2
	2	9
	6	8
	9	3
	5	3

MAD MINUTES

___ + 8 = 17	3 + ___ = 10	3 + ___ = 9
___ + 2 = 8	3 + ___ = 7	___ + 3 = 5
5 + ___ = 10	___ + 7 = 15	7 + ___ = 15
___ + 9 = 16	9 + ___ = 14	___ + 2 = 7

MAD MINUTES

8 - 7 =	7 - 4 =	7 - 3 =
5 - 3 =	7 - 5 =	6 - 4 =
7 - 2 =	6 - 5 =	4 - 2 =
8 - 5 =	8 - 4 =	9 - 6 =

Name: ______________________________

731 + 928 = ___	581 + 899 = ___	591 + 244 = ___	729 + 761 = ___	154 + 177 = ___
1□6 + 55□ = □00	455 + □□□ = 689	25□ + 214 = □□1	49□ + 1□8 = □47	17□ + □□3 = 575
741 + 615 = ___	921 + 215 = ___	304 + 910 = ___	727 + 478 = ___	836 + 302 = ___
□□2 + 773 = 1□□	□80 + 63□ = 1□1	6□□ + 7□3 = □34	95□ + 6□7 = □62	4□8 + □4□ = 891
403 + 906 = ___	307 + 476 = ___	740 + 496 = ___	514 + 901 = ___	551 + 179 = ___
7□□ + □82 = 16□	3□2 + 68□ = □87	488 + 9□□ = □□3	7□□ + □85 = 144	□□3 + 12□ = □44

Name: ______________________________

Whole	Part	+	Part
82	53	+	29
69	___	+	47
85	___	+	68
___	28	+	15
61	___	+	45
95	52	+	___
___	31	+	16
___	30	+	18
82	70	+	___
___	41	+	50

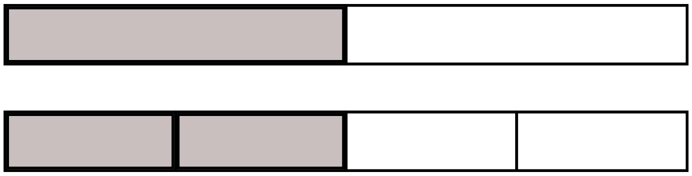
Top	Left	Right	Left parts	Right parts
81	___	57	21 + ___	37 + ___
63	46	___	___ + 20	___ + 11
50	___	19	___ + 15	___ + 5
43	21	___	16 + ___	7 + ___
79	46	___	20 + ___	28 + ___
71	37	___	___ + 13	___ + 20

There are 2 groups of 3 rocks. How many rocks?

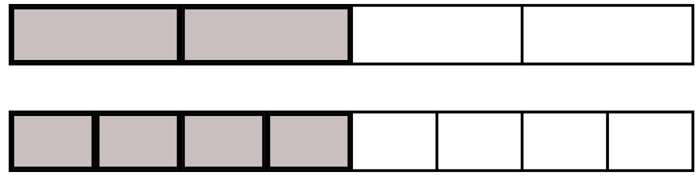
____ ÷ 8 = 12

double 40 =

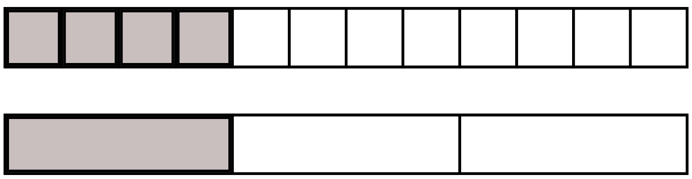
Name: ____________________________________



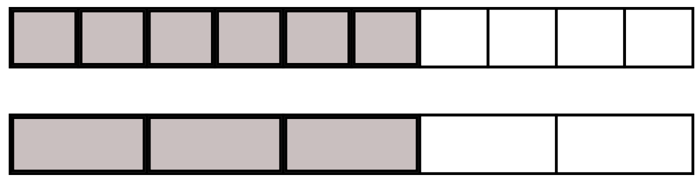
$$\frac{1}{2} = \frac{\square}{4}$$



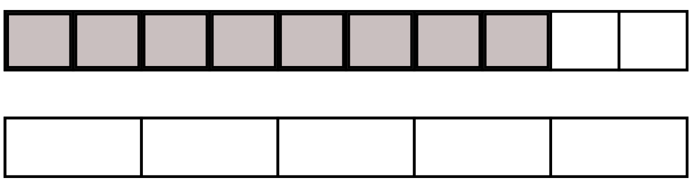
$$\frac{2}{4} = \frac{4}{\square}$$



$$\frac{4}{12} = \frac{\square}{\square}$$

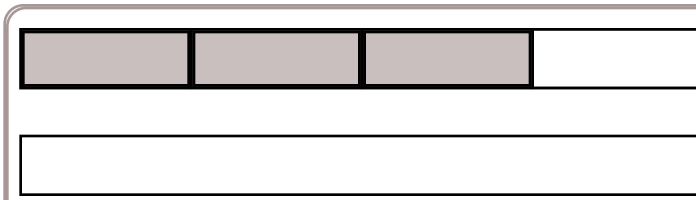


$$\frac{\square}{\square} = \frac{\square}{\square}$$



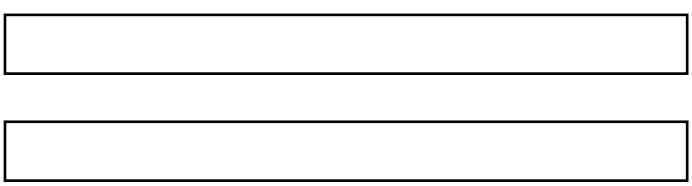
Color to complete the fraction bars.

$$\frac{8}{\square} = \frac{4}{5}$$



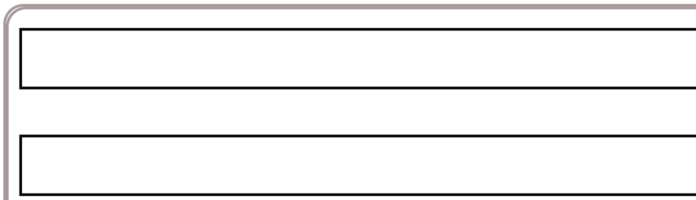
Color and draw lines to complete the fraction bars.

$$\frac{\square}{4} = \frac{6}{8}$$



Color and draw lines to complete the fraction bars.

$$\frac{4}{6} = \frac{2}{3}$$



$$\frac{1}{2} = \frac{3}{\square}$$

Name: ____________________________________

Add one set of parenthesis to each equation so that the equation is true.

(5 + 4) + 12 = 21	6 + (9 + 10) = 25
11 - 6 + 1 = 4	11 - 6 + 1 = 6
9 - 4 + 3 = 2	9 - 4 + 3 = 8
6 + 1 + 8 = 15	6 + 11 - 9 = 8
9 + 12 + 9 = 30	2 + 8 + 10 = 20
7 - 1 + 9 = 15	6 + 2 + 5 = 13
9 + 10 + 9 - 4 = 24	6 - 3 + 3 + 5 = 11
12 - 1 + 1 + 8 = 20	10 - 1 + 11 + 5 = 25
4 + 1 + 7 - 4 = 8	7 + 9 - 12 + 3 = 7

Name: ____________________________________

$90.56 + $19.10 =

A) $10,966

B) $109.66

C) $62.83

D) None of the above

5 x 9 x 6 =

A) 270

B) 240

C) 277

D) None of the above

Which of the following numerals has a 3 in the thousands place?

A) 3241

B) 1432

C) 4132

D) 4213

37 + 12 + 6 + 9 =

A) 64

B) 46

C) 6

What is the approximate length of a standard pen?

A) 40 cm

B) 50 mm

C) 1 foot

D) 15 cm

Which of the following has the greatest value?

A) 966.681093

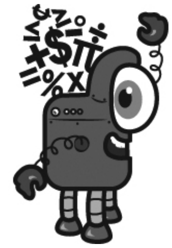
B) 966.681069

C) A and B are equal.

Name: ______________________________

Mental Math

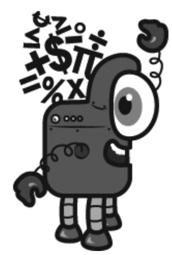
— #1 —



- Start with the product of 11 and 3. **33**
- Add the number of nickels in a dollar. ______
  5 3 8 4 6 3 1 5 5 4 (Circle your answer to double check you are correct.)
- Add the number of cups in 1 quart. ______
  7 4 4 5 7 7 2 0 3 4
- Increase that number by 4. ______
  9 0 7 5 5 8 2 6 1 1
- Add the digits in your number. The sum of that is your new number. ______
  6 8 7 0 7 2 4 4 3 6
- Increase that number by 9. ______
  7 1 6 4 9 1 6 0 4 2

Mental Math

— #2 —



- Start with the number 515. ______
  6 4 7 0 5 1 5 1 3 5 (Circle your answer to double check you are correct.)
- Increase that number by 8. ______
  5 6 6 8 2 5 2 3 8 7
- Round to the nearest ten. ______
  1 3 8 4 2 7 5 2 0 9
- Subtract 8. ______
  2 9 5 1 2 4 3 8 1 8
- Subtract 5 tens. ______
  6 5 5 9 4 4 6 2 9 9
- Add the digits in your number. The sum of that is your new number. ______
  7 8 8 8 1 2 1 8 9 8

Name: ______________________________

$\begin{array}{r} 827 \\ -\ 754 \\ \hline \end{array}$	What number is 442 less than 579?	$\begin{array}{r} 25{,}265 \\ -\ 84 \\ \hline \end{array}$
$\begin{array}{r} 8 \\ 4 \\ 5 \\ +\ 8 \\ \hline \end{array}$	$\begin{array}{r} 868 \\ 655 \\ +\ 131 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ +\ 82 \\ \hline \end{array}$
$\begin{array}{r} 24 \\ +\ 68 \\ \hline \end{array}$	Find the difference between 532 and 48.	Subtract 129 from 437.
$\begin{array}{r} 5 \\ +\ 8 \\ \hline \end{array}$	Find the sum of 17, 13, and 44.	247 + 12 =
Write as a decimal. $5\frac{4}{10}$	Write as a decimal. Six and six tenths	Write as a decimal. Eleven and sixteen hundredths

Name: ______________________________

Find 2 equations hidden in each box. Good luck!

8198

3949 + 17

3966

5116

5924

9756

6004

86 + 4485

8208

4146

77 + 5039

9534

8875 + 64

Write 2 equations: ______________________ ______________________

7 - 3

7

8 - 8

7 - 1

0

5 - 2

2

4

Write 2 equations: ______________________ ______________________

4 x 1

4

6 x 5

15

40

45

6 x 1

16

5 x 7

2 x 8

56

14

7

28

1 x 1

8 x 4

12

Write 2 equations: ______________________ ______________________

Name: ____

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.

START 3	9	9	5
8	3	4	6
1	6	7	FINISH SUM: 25

3 + 8 + 3 + 4 + 7 = 25

START 1	5	3	7
9	2	7	4
6	8	5	FINISH SUM: 20

1 + 5 + ___ + ___ + ___ = 20

START 6	7	8	8
7	8	9	8
9	8	6	FINISH SUM: 36

6 + 7 + ___ + ___ + ___ = 36

START 8	7	2	8
6	3	4	8
9	7	3	FINISH SUM: 33

Did you find a path? Write the equation.

Name: ____________________________

Find 2 equations hidden in each box. Good luck!

89 36 46 60 83
4 + 14
8 + 21
17
40 + 6
53
10 + 1
70
20
88 29 51

Write 2 equations: ____________________ ____________________

9
4
7 - 4
6 - 2
4 - 3
7 - 5
2
9 - 1

Write 2 equations: ____________________ ____________________

4 x 8
2 x 5
6 x 6
9 x 2
4
8 x 7
63
1 x 4
45
20
54
36
0
21 30
2 x 8
3 x 9
6
72

Write 2 equations: ____________________ ____________________

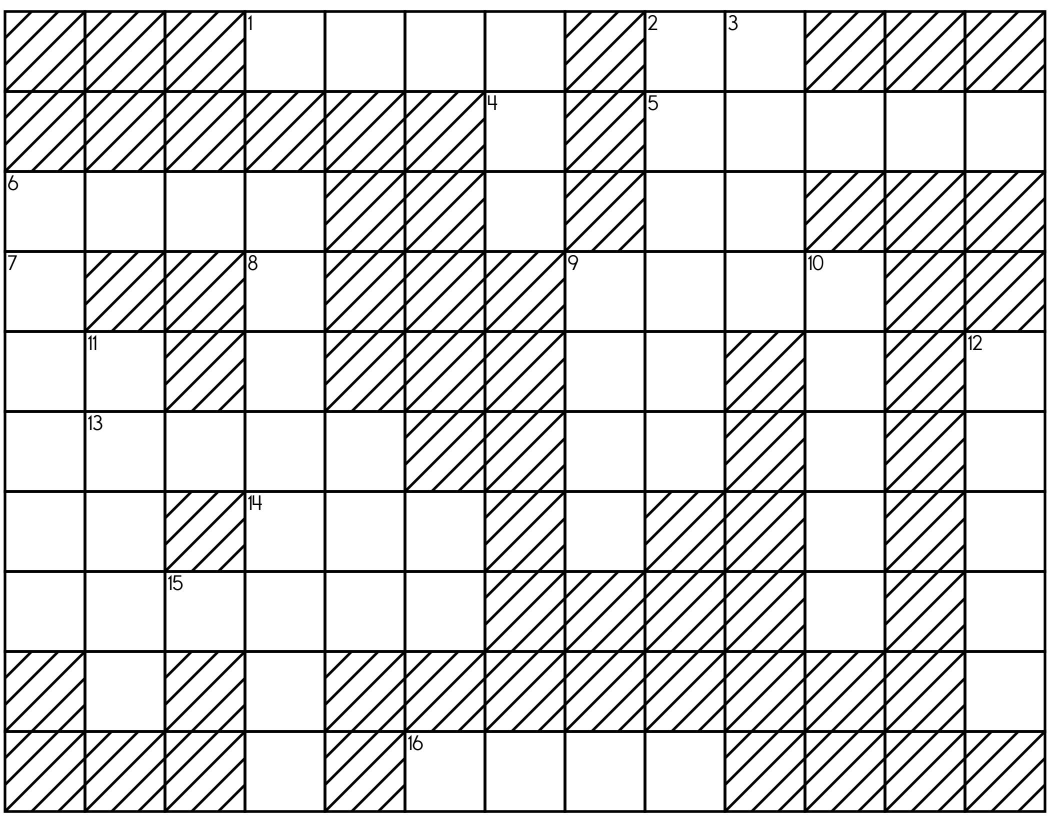
Name: ____

ACROSS

1. the ones in 4-Down + the thousands in 13-Across + the tens in 2-Down + the hundreds in 9-Down
5. the ones in 9-Down + the hundreds in 10-Down + the tens in 1-Across + the ten thousands in 2-Down
6. the thousands in 12-Down + the tens in 2-Down + the hundreds in 9-Down + the ones in 1-Across
13. the ones in 4-Down + the tens in 2-Down + the thousands in 9-Down
14. the ones in 5-Across + the tens in 12-Down + the hundreds in 1-Across
15. the thousands in 9-Down + the ones in 4-Down + the hundreds in 1-Across
16. the ones in 9-Down + the thousands in 13-Across + the tens in 1-Across

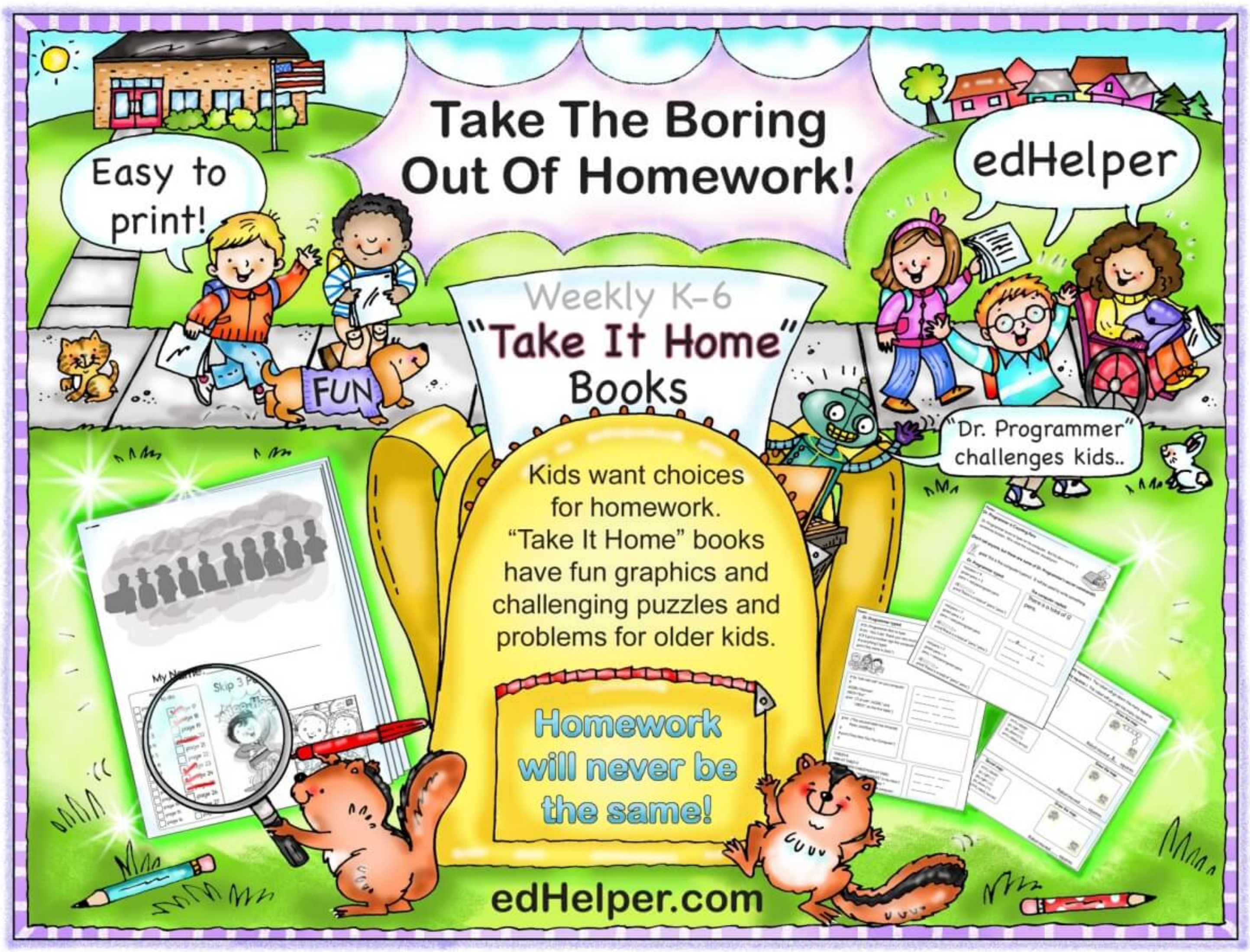
DOWN

2. **eight hundred ninety-three thousand, one hundred seventy-five**
3. the tens in 2-Down + the ones in 9-Down + the thousands in 11-Down
4. 4 + 14
7. the ones in 13-Across + the ten thousands in 11-Down + the hundreds in 5-Across + the thousands in 15-Across
8. eight million, seventy-six thousand, six hundred twenty-five
9. five thousand, six hundred five
10. the hundreds in 1-Across + the ones in 15-Across + the thousands in 13-Across + the ten thousands in 2-Down
11. the ones in 1-Across + the thousands in 9-Down + the ten thousands in 10-Down
12. the thousands in 2-Down + the tens in 5-Across + the hundreds in 1-Across + the ten thousands in 11-Down





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